CLAIMS:

1. A camera mounting for a TV/video camera, comprising a base, a counter-balanced arm assembly (10) pivotally mounted on the base (11) at one end thereof to swivel about a vertical axis (A-B) and having a platform (21) for carrying a camera at the other end thereof, the arm assembly having relatively movable components (16 to 20; 52 to 54) to permit, with said swivelling of the assembly about said vertical axis, movement of the platform in three orthogonal axes; characterised in that the base (11) of the mounting has a datum point, the mounting has three separate transducer means for determining swivel movement of the arm about said vertical axis (A-B) and relative movement between said arm components in a plane containing said vertical axis, and monitoring means are provided for determining, from the movements detected by said transducers, the position of the camera platform with respect to the datum point in said three axes to provide information regarding the location of the camera for purposes such as controlling movement of a virtual reality image to be combined with a real image as seen by the camera as the camera is moved with respect to the datum.

2. A camera mounting as claimed in claim 1, wherein the arm assembly (10) is mounted on the base (11) for rotation about a vertical axis (A-B) through the datum point, the arm assembly providing movement of the camera platform in two orthogonal axes in any plane containing said vertical axis, and said transducer means comprising first transducer means for determining rotation of the arm about said vertical axis and further transducer means for determining movement of the camera platform in said plane with

respect to the datum point.

3. A camera mounting as claimed in claim 2, wherein the arm assembly (10) is telescopic and is mounted on the base (10,12) to pivot (14) in a vertical plane about a horizontal axis (C).

4. A camera mounting as claimed in claim 2, wherein the arm assembly (10) comprises a first arm (52) pivotally mounted on the base (11) about a horizontal axis and a second arm (53) pivotally mounted on the first arm about a parallel horizontal axis for supporting the camera platform (55).

A 5. A camera mounting as claimed in any of ~~claims 2 to 4~~ claim 2, wherein the arm assembly (10) has a control point (34, P) connected to the arm assembly so that movement of the control point with respect to the datum point in the vertical plane containing the arm and said vertical axis is directly proportional to the movement of the camera platform, and said further transducer means is arranged to monitor movement of the control point with respect to the datum point.

6. A camera mounting as claimed in claim 5, wherein the transducer means for monitoring movement of the control point (34, P) comprise separate transducers for responding to movement of the control point with respect to the datum point in vertical and horizontal directions.

7. A camera mounting as claimed in claim 3, wherein the further transducer means are arranged to monitor extension of the arm and pivotal movement of the arm about said horizontal axis to monitor the position of the camera platform in a vertical plane

with respect to said datum.

8. A camera mounting as claimed in claim 4, wherein said further transducer means are arranged to monitor pivotal movement of the first arm about said horizontal axis with respect to the base and pivotal movement of the second arm with respect to the first arm to monitor the position of the camera platform with respect to said datum.